

## HMMH

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### TECHNICAL MEMORANDUM

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**To:** Eric Redding, P.E. – Bergmann Associates, Architects, Engineers, Landscape Architects & Surveyors, D.P.C.

**Copies:** Joseph Shanahan – Con Edison Clean Energy Businesses

**From:** Christopher Bajdek

**Date:** November 24, 2021

**Subject:** Response to Comment Concerning Noise Levels on the Wellness Trail due to the Yorktown A Solar Farm in the Town of Yorktown, NY

**Reference:** HMMH Project Number 312480.000

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HMMH was retained by Bergmann Associates, Architects, Engineers, Landscape Architects & Surveyors, D.P.C. (Bergmann) and Con Edison Clean Energy Business, Inc. (ConEd CEB) to conduct a noise study for the proposed Yorktown A Solar Farm on Foothill Street in the Town of Yorktown, New York. The results of the noise study are documented in a prior technical memorandum to you dated July 25, 2021.<sup>1</sup> The objective of the noise study was to predict operational noise levels at selected locations in the community due to the battery energy storage system and ancillary equipment. Figure 1 from the July 25<sup>th</sup> Technical Memorandum shows the A-weighted noise exposure contours produced by the proposed project in 5 decibel intervals.



It is our understanding that the Town of Yorktown asked a question about noise levels on a “wellness trail” that is located on the grounds of the Putnam Valley Middle School and High School immediately to the north of the proposed Yorktown A Solar Farm. The attached image shows of the location of the trail as it had existed at some point in the past. We understand that the trail in no longer was located on the parcel of land under consideration for the proposed solar farm; that is, the trail is located entirely on school property.

While the layout of the relocated trail is not known, for the sake of this evaluation, it is assumed to be located along the property line between the school and the proposed project. As shown in Figure 1 of the July 25<sup>th</sup> Technical Memorandum, maximum continuous noise levels from the facility are expected to be 58 dBA  $L_{eq}$  along the property line of interest. Therefore, noise levels along the wellness trail are expected to meet the sound level limit in Section 300-81.5 G (7) of the Town of Yorktown, Code of Ordinances.

Based on a review of the Town of Putnam Valley’s Code of Ordinances,<sup>2</sup> the Town of Putnam Valley does not have sound level limits that are applicable to the proposed Yorktown A Solar Farm.

Please let me know if you have any questions.

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<sup>1</sup> HMMH Technical Memorandum, “Operational Noise Levels from the Yorktown A Solar Farm in the Town of Yorktown, NY,” July 25, 2021.

<sup>2</sup> <https://ecode360.com/PU0242>

**APPENDIX A. FIGURE SHOWING WELLNESS TRAIL**





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My Property  
3849 Foothill St.  
Yorktown, NY